

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/760,466
Filing Date	January 21, 2004
First Named Inventor	Ledbetter, et al.
Art Unit	2673
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.00717

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/L.L./ ↓		US - 5,404,152	04-1995	Takao Nagai	
		US - 5,774,075	06-1998	Palalau, et al.	
		US - 5,956,018	09-1999	Pejic, et al.	
		US - 6,340,966	01-2002	Wang, et al.	
		US - 6,424,355	07-2002	Watanabe, et al.	
		US - 6,534,730	03-2003	Ohmoto, et al.	
		US - 6,570,108	05-2003	Lin	
		US - 6,809,275	10-2004	Cheng, et al.	
		US - 2003/0076303	04-2003	Brian Huppi	
		US - 2003/0095096	05-2003	Robbin, et al.	
		US - 2004/0001042	01-2004	Lindhout, et al.	
		US - 2004/0051392	03-2004	Ziad Badarneh	
		US - 2004/0150623	08-2004	Ledbetter, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/L.L./		JP - 07-092939	04-1995	Takeshi	Abstract; Drawings	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/L.L./		"Photo A": photograph of scroll wheel from LOGITECH cordless optical mouse, P/N 851497-0000; date of first availability and/or disclosure prior to (or believed to be prior to) application filing date.	
↓		"Photo B": (second) photograph of scroll wheel from LOGITECH cordless optical mouse, P/N 851497-0000; date of first availability and/or disclosure prior to (or believed to be prior to) application filing date.	
		"Photo C": photograph of scroll wheel from mouse manufactured by A4tech Co., Ltd., Taipei, Taiwan; date of first availability and/or disclosure prior to (or believed to be prior to) application filing date.	
		"Photo D": (second) photograph of scroll wheel from mouse manufactured by A4tech Co., Ltd., Taipei, Taiwan; date of first availability and/or disclosure prior to (or believed to be prior to) application filing date.	
/L.L./		"Photo E": photograph of scroll wheel from mouse manufactured by KYE Systems, Taipei, Taiwan; date of first availability and/or disclosure prior to (or believed to be prior to) application filing date.	

Examiner Signature	/Lun Lao/	Date Considered	01/29/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				<i>Application Number</i>	10/760,466
				<i>Filing Date</i>	January 21, 2004
				<i>First Named Inventor</i>	Ledbetter, et al.
				<i>Art Unit</i>	2673
				<i>Examiner Name</i>	Lun Yi Lao
				<i>Attorney Docket Number</i>	003797 00717
Sheet	2	of	2		

/L.L./		"Photo F": photograph of scroll wheel frm RAZER "Boomslang" mouse, available from Karma LLC, Taiwan, date of first availability and/or disclosure prior to (or believed to be prior to) application filing date.	.
/L.L./		USSN 10/158,996 filed June 3, 2002.	
/L.L./		USSN 10/183,993 filed June 28, 2002.	
Examiner Signature	/Lun Lao/	Date Considered	01/29/2007

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Sheet 1 of 1

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<i>Application Number</i>	10/760,466
<i>Filing Date</i>	January 21, 2004
<i>First Named Inventor</i>	Carl J. Ledbetter, et al.
<i>Art Unit</i>	2673
<i>Examiner Name</i>	Lun Yi Lao
<i>Attorney Docket Number</i>	003797.00717

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Signature**

/Lun Lao/


Date Considered

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Sheet 1 of 2

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Application Number	10/760,466
Filing Date	January 21, 2004
First Named Inventor	Carl J. Ledbetter, et al.
Art Unit	2629
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.00717

[illegible]

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/L.L./		Taiwan 356265	04-11-1999			Yes
↓		Taiwan 347128	12-01-1998			Yes
		CN1267016A	09-20-2000		Drawings	
/L.L./		CN2491885	05-15-2002		Drawings	

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/760,466		
		Filing Date	January 21, 2004		
		First Named Inventor	Carl J. Ledbetter, et al.		
		Art Unit	2629		
		Examiner Name	Lun Yi Lao		
Sheet	2	of	2	Attorney Docket Number	003797.00717

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/L.L./		Shanghai Patent & Trademark Law Office, Notice on Office Action (with English Translation), Application 03123840.8, dated January 6, 2006.	

Examiner Signature	/Lun Lao/	Date Considered	01/29/2007
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

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Application Number	10/760,466
Filing Date	January 21, 2004
First Named Inventor	Ledbetter et al
Art Unit	2673
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.00717

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/L.L./		US- 5,063,289	11-05-1991	Jasinski et al.	
		US-5,446,481	08-29-1995	Gillick et al.	
		US- 5,521,617	05-28-1996	Imai et al.	
		US- 5,771,038	06-23-1998	Wang	
		US- 5,808,568	09-15-1998	Wu	
		US- 5,910,789	06-08-1999	Kim	
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		US- 6,075,575	06-13-2000	Schein et al.	
		US- 6,097,372	08-01-2000	Suzuki	
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		US- 6,188,393	02-13-2001	Shu	
		US- 6,204,838	03-20-2001	Wang	
		US- 6,300,939	10-09-2001	Decker et al.	
		US- 6,337,679	01-2002	Chou,Chin-Wen	
		US- 6,340,800	01-22-2002	Zhai et al.	
		US- 6,340,800	01-22-2002	Wang et al.	
		US- 6,348,912	02-19-2002	Smith	
		US- 6,359,611	03-19-2002	Chan	
		US- 6,519,003	02-11-2003	Swayze	
		US- 6,522,321	02-18-2003	Chen et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/L.L./		EP 1258 019 B9	11-20-2002	Sonion A/S		

Examiner
Signature.

/Lun Lao/

Date
Considered

01/29/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	2
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Complete if Known

Application Number	10/184,000
Filing Date	June 28, 2002
First Named Inventor	Ledbetter et al
Art Unit	2673
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.002899

U.S. PATENT DOCUMENTS

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First Named Inventor	Carl Ledbetter et al.
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	003797.00717

Sheet	1	of	2
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NON PATENT LITERATURE DOCUMENTS

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/LL/		http://www.mside.net/microscrolliii.html , MSIDE.net, showing Micro Scroll II mouse from Micro, 2 sheets, 12/2000.	
/LL/		http://www.contourdesign.com/rollerbar.htm , Contour Design-RollerBar Mousing Station-Optical Technology, 2 sheets, January, 2001 and 1 sheet press release dated 11/29/2000.	
/LL/		http://www.mousetrappor.dk , Mouse Trapper product description, 12 color sheets including original Danish language and English translation as performed by Translation Experts Ltd. Service, date of product release unknown but prior to filing date of application.	

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Sheet	1	of	2
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PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/LL/		Web page reviewing "Kensington TurboRing Trackball"; http://www.avault.com/hardware/print_review.asp?review=turboring ; publication date unknown, but believed to be prior to 06/28/02.	
↓		Web page reviewing "TurboRing"; http://www.macworld.com/2000/10/reviews/turboring.html ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page from "Van's Hardware"; http://www.vanshardware.com/reviews/2001/october/011002_TurboRing/011002_TurboRing.htm ; published 10-02-2001.	
		Web page reviewing "TurboRing"; http://www.keyalt.com/pointdevices/turboring.htm ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "Micro TRAC" TM ; http://www.microspeed.com/products/pd600s.html ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "Kid TRAC" model PD-280S; http://www.microspeed.com/products/kidtrac.html ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "KID TRAC USER'S MANUAL"; http://www.microspeed.com/pages/support/manuals/kidtracm.html ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "Atek" A4 RFW-33 Radio Wireless PS/2 Mouse; http://www.shop.store.yahoo.com/4itech/a4rfadwirps.html ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "Sakar Yahoo! 4D Internet Scroll Mouse" and "Sakar Optical Mouse w/Email alert Metallic Silver (USB)"; http://www.slarp.com/products/Input_Devices/Mice_and_Trackballs/ ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "ICONCEPTS 70152"; http://www.panwebi.com/products/computer/mouse/70152.htm ; publication date unknown, but believed to be prior to 06/28/02.	
	/LL/		Web page for "Yahoo 8D Internet Mouse"; http://www.panwebi.com/products/computer/mouse/8dinternetmouse.htm ; publication date unknown, but believed to be prior to 06/28/02.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	TBA
Filing Date	January 21, 2004
First Named Inventor	Carl J. Ledbetter et al.
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	003797.00717

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/LL/		D 431,037		Varga et al.	09/19/2000	
		4,712,101		Culver	12/08/1987	
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/LL/		6,353,429		Long	03/05/2002	
		6,380,927		Ostrum et al.	04/30/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
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² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
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		Group Art Unit	TBA
		Examiner Name	TBA
		Attorney Docket Number	003797.00717
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/LL/		Web page reviewing "Kensington TurboRing Trackball"; http://www.avault.com/hardware/print_review.asp?review=turboring ; publication date unknown, but believed to be prior to 06/28/02.	
↓		Web page reviewing "TurboRing"; http://www.macworld.com/2000/10/reviews/turboring.html ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page from "Van's Hardware"; http://www.vanshardware.com/reviews/2001/october/011002_TurboRing/011002_TurboRing.htm ; published 10-02-2001.	
		Web page reviewing "TurboRing"; http://www.keyalt.com/pointdevices/turboring.htm ; publication date unknown, but believed to be prior to 06/28/02.	
		Web page for "Micro TRAC" TM ; http://www.microspeed.com/products/pd600s.html ; publication date unknown, but believed to be prior to 06/28/02.	
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